

Department of Materials Science and Engineering –Emergency Posting

Position: Sessional Lecturer I/II

Course Title and Code: MSE 4375H1 F: Process Metallurgy of Iron and Steel

Course Description: The production and refining of liquid iron in the iron blast furnace, the production and refining of liquid steel, secondary refining operations, continuous casting and thermomechanical processing (hot rolling). Specialty steels and newly emerging technologies (e.g. thin slab casting, direct ironmaking) are also discussed in terms of process/environment and productivity. Downstream topics will include cold rolling, batch and continuous annealing, and coating operations.

Estimated Enrolment: 20

Estimated TA support: none

Class schedule: TBD

Sessional date of appointment: Fall Session, September-December 2020

Salary: Minimum level of pay is \$8,489.65 (Sessional Lecturer I) and \$9,085.58 (Sessional Lecturer II), and may increase depending on applicant's level of experience and suitability for the position.

Qualifications: A Ph.D. in Materials Science and Engineering, or a closely related field is essential. Experience lecturing and/or coordinating laboratories at the university level are preferred.

Please note: Undergraduate or graduate students and postdoctoral fellows of the University of Toronto are covered by the CUPE Unit 1 collective agreement rather than the Unit 3 collective agreement, and should not apply for positions posted under the Unit 3 collective agreement.

Brief description of duties:

The Department of Materials Science and Engineering requires a lecturer to teach MSE 4375H1 F: Process Metallurgy of Iron and Steel during the Fall 2020-2021 semester. The successful applicant will be responsible for effectively delivering the course with all of the attendant organizational issues of lecture preparation and delivery, setting, supervision and marking of exams, final course marks, course evaluations, and so forth.

To indicate interest in this position, please send an updated CV and completed application form electronically download from <http://dlrssywwz8ozqw.cloudfront.net/wp-content/uploads/sites/27/2016/04/19-Unit-3-Application-Format.doc>.

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Posting Date: Friday May 8, 2020

Closing date: Tuesday May 12, 2020

"This notice is posted in accordance with the CUPE 3902 Unit 3 Collective Agreement." "Preference in hiring is given to qualified individuals advanced to rank of Sessional Lecturer II and Sessional Lecturer III in accordance with Article 14:12." It is understood that some announcements of vacancies are tentative pending final course determination and enrolment.